


HIGH FREQUENCY ROTATION RELAY CIRCUIT

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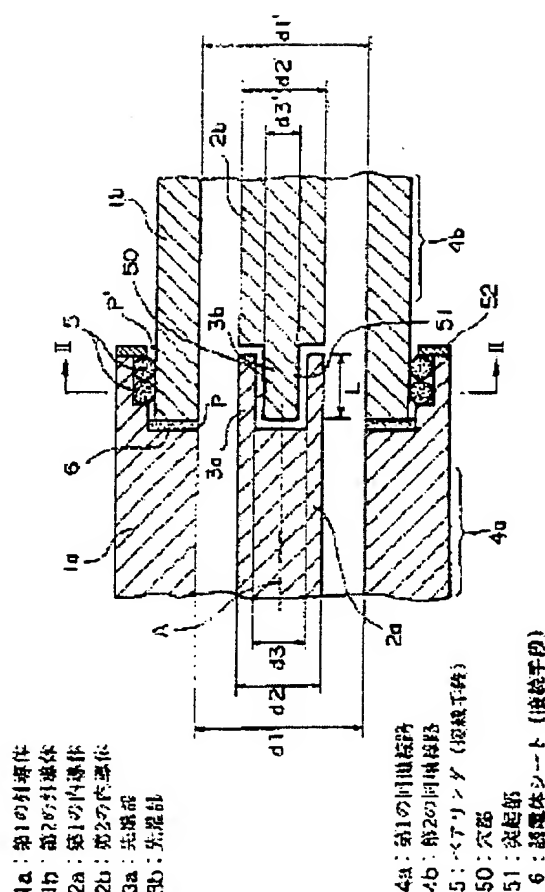
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Abstract of JP2002353702

PROBLEM TO BE SOLVED: To provide a high frequency rotation relay circuit the transmission characteristic of which is not changed even when one coaxial line is rotated in the connection between coaxial lines and the transmission characteristic of which is less changed even on the occurrence of a position deviation.

SOLUTION: The high frequency rotation relay circuit is provided with a 1st outer conductor 1a with a torus cross section, a 1st inner conductor 2a that is placed inside on a center axis line of the 1st outer conductor 1a and has a cylindrical hole 50 at the tip, a 2nd outer conductor 1b with a center axis line coincident with the center axis line of the 1st outer conductor 1a that has a torus cross section, a 2nd inner conductor 2b that is placed inside on the center axis line of the 2nd outer conductor 1b and has a cylindrical projection 51 opposed with a gap to the inside of the hole 50 at the tip and concentric to the hole 50, and a bearing 5 and a dielectric sheet 6 that are placed between the 1st outer conductor 1a and the 2nd outer conductor 1b and connected to at least either of the 1st outer conductor 1a and the 1st inner conductor 2a, and 2nd outer conductor 1b and the 2nd inner conductor 2b turnably around the center axis line of them.



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